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METHODS FOR SCREENING NUCLEAR TRANSCRIPTION FACTOR LIGANDS FOR THE ABILITY TO MODULATE AN ESTROGEN RESPONSE

ABSTRACT OF THE DISCLOSURE

This invention provides methods of screening a nuclear transcription factor ligand for the ability to modulate estrogen activation at an AP-1 site. The methods involve the steps of: a) providing a first cell containing an estrogen receptor, a receptor for the nuclear transcription factor ligand, and a promoter comprising an AP1 site which regulates expression of a first reporter gene; b) contacting the first cell with the transcription factor ligand and with a compound having AP1 mediated estrogenic activity; and c) detecting expression of the first reporter gene